

USSN 09/840,859

Amendments to the Claims:

This listing of claims replaces all prior versions, and listing, of claims in the application.

Listing of Claims:

1. (cancelled)
2. (currently amended) The fastening device according to Claim ~~1~~ 114 wherein at least about ~~35%~~ 75% of the area of surface contact between the adhesive and said ~~test surface~~ Test Surface can have inscribed within it circles having a diameter of about $\frac{1}{4}$ " to about 0.001".
3. (canceled)
4. (cancelled)
5. (currently amended) The fastening device according to Claim ~~[[4]]~~ 15 wherein the adhesive is applied in a discontinuous manner.
6. (cancelled)
7. (currently amended) The fastening device according to Claim ~~1~~ 114 wherein at least about ~~35%~~ 75% of the area of surface contact between the adhesive and the susceptor surface can have inscribed within it circles having a diameter of about $\frac{1}{4}$ " to about 0.001".
8. (currently amended) The fastening device according to Claim 7 wherein from about ~~0.001%~~ 1% to about 30% of the surface area of the susceptor is in contact with the adhesive.
9. (currently amended) The fastening device according to Claim ~~1~~ 114 wherein the area of surface contact between the adhesive and the test surface is less than the area of surface contact between the adhesive and the susceptor.
10. (cancelled)
11. (currently amended) The fastening device according to Claim ~~1~~ 114 additionally comprising a supplemental layer having a thickness of up to about 10 mils between the susceptor and the adhesive.
12. (original) The fastening device according to Claim 11 wherein the supplemental layer is selected from the group consisting of insulation, foam, ~~a continuous layer of adhesive,~~ scrim, a paper material, a thermoplastic material, and mixtures thereof.
13. (cancelled)

USSN 09/840,859

14. (currently amended) The fastening device according to Claim ~~1~~ 114 which additionally comprises a primer located on the surface of the susceptor sheet between the susceptor and the adhesive layer.
15. (currently amended) The fastening device according to Claim ~~1~~ 114 wherein at least about ~~50%~~ 75% of the area of surface contact between the adhesive and said test surface can have inscribed within it circles having a diameter of about $\frac{1}{4}$ " to about 0.001"; from about ~~0.001%~~ 1% of to about 15% of the surface area of the ~~test surface~~ Test Surface is in pre-bonding contact with the adhesive; and when in the bonded relationship with said Test Surface, from about 1% to about 35% of the surface area of the Test Surface total area of the test surface is in contact with the adhesive, ~~as measured by the post bonding test procedure defined herein.~~
16. (cancelled)
17. (cancelled)
18. (currently amended) The fastening device according to Claim ~~17~~ 114 wherein the susceptor is selected from metallic foils and non-metallic foils.
19. (currently amended) The fastening device according to Claim ~~1~~ 114 wherein the susceptor's surface is textured.
20. (currently amended) The fastening device according to Claim ~~1~~ 114 wherein the susceptor's surface is perforated.
21. (cancelled)
22. (cancelled)
23. (currently amended) The fastening device according to Claim ~~22~~ 114 wherein the adhesive ~~layer~~ includes both hot-melt adhesive and ~~pressure-activated~~ pressure sensitive adhesive.
24. (currently amended) The fastening device according to Claim ~~1~~ 114 wherein the adhesive is selected from hot-melt adhesives, curable adhesives, and mixtures thereof.
25. (original) The fastening device according to Claim 24 wherein the hot-melt adhesive is selected from polyamides, polyolefins, ethylene/vinyl acetate copolymers, and mixtures thereof.
26. (currently amended) The fastening device according to Claim ~~25~~ 114 wherein the susceptor is a metallic foil comprising materials selected from the group consisting of

USSN 09/840,859

metallic fibrous materials, conductive metal materials, conductive magnetic materials, and mixtures thereof.

27. (original) The fastening device according to Claim 26 wherein the metallic foil is made from a metal selected from the group consisting of steel, copper, iron, nickel, tin, aluminum, and mixtures thereof.
28. (original) The fastening device according to Claim 27 wherein the susceptor sheet has a thickness of no greater than about 1 mil.
29. (original) The fastening device according to Claim 28 wherein the susceptor sheet is made from aluminum foil.
30. (currently amended) The fastening device according to Claim ~~22~~ 114 wherein the adhesive is located on one surface of the susceptor sheet.
31. (currently amended) The fastening device according to Claim ~~22~~ 114 wherein the adhesive is located on both surfaces of the susceptor sheet.
32. (currently amended) The fastening device according to Claim ~~22~~ 114 wherein the adhesive is present on the susceptor sheet in the form of a web configuration selected from random webs, ordered webs, and mixtures thereof.
33. (currently amended) The fastening device according to Claim ~~22~~ 114 wherein the adhesive is concentrated close to the edges of the susceptor.
34. (currently amended) The fastening device according to Claim ~~22~~ 114 wherein the adhesive is present on the susceptor sheet in a discontinuous pattern.
35. (original) The fastening device according to Claim 34 wherein the adhesive is placed on the susceptor sheet in a pattern selected from spots, lines, cones, pyramids, cylinders, cubes, spheres, donuts, stars, and mixtures thereof.
36. (currently amended) The fastening device according to Claim ~~22~~ 114 formulated in the form selected from moldings, wall coverings, wallboard, laminates, carpeting, fabric and floor coverings.
37. (currently amended) The fastening device according to Claim ~~17~~ 114 wherein the susceptor is selected from the group consisting of foils, agglomerated threads, agglomerated particles and mixtures thereof.
38. (currently amended) The fastening device according to Claim ~~22~~ 114 activated by electromagnetic energy having a frequency of about 500 kHz or less.

USSN 09/840,859

39. (cancelled)
40. (cancelled)
41. (currently amended) The fastening device according to Claim 40 15 wherein at least about 75% of the area of surface contact between the adhesive and said ~~test surface~~ Test Surface can have inscribed within it circles having a diameter of about 3/16" to about 0.001".
42. (currently amended) The fastening device according to Claim 40 15 wherein when in the bonded relationship with said Test Surface, from about 5% to about 25% of the ~~total~~ surface area of the ~~test surface~~ Test Surface is in contact with the ~~adhesive as measured by the post bonding test procedure defined herein~~.
43. (currently amended) The fastening device according to Claim 22 114 which is substantially flat.
44. (original) The fastening device according to Claim 35 wherein the adhesive decreases in cross-sectional area as one moves away from the susceptor and toward the surface to be bonded.
45. (cancelled)
46. (cancelled)
47. (currently amended) The fastening device according to Claim ~~[[46]]~~ 114 wherein the susceptor is an aluminum foil.
48. (original) The fastening device according to Claim 47 wherein the adhesive is a polyamide.
49. (original) The fastening device according to Claim 47 wherein the adhesive is located on one face of the susceptor.
50. (original) The fastening device according to Claim 47 wherein the adhesive is located on both faces of the susceptor.
51. (original) The fastening device according to Claim 29 wherein the adhesive is placed on the susceptor in the form of a web configuration selected from random webs, ordered webs and mixtures thereof.
52. (original) The fastening device according to Claim 51 wherein the adhesive is a polyamide.

USSN 09/840,859

53. (original) The fastening device according to Claim 52 wherein the adhesive is located on one face of the susceptor.
54. (original) The fastening device according to Claim 52 wherein the adhesive is located on both faces of the susceptor.
55. (original) The fastening device according to Claim 54 in the form of a nestable tape.
56. (original) The fastening device according to Claim 29 wherein the adhesive is present on the susceptor sheet in a discontinuous pattern selected from spots, lines, cones, pyramids, cylinders, cubes, spheres, stars and mixtures thereof.
57. (original) The fastening device according to Claim 56 wherein the adhesive is a polyamide.
58. (original) The fastening device according to Claim 57 wherein the adhesive is located on one side of the susceptor.
59. (original) The fastening device according to Claim 57 wherein the adhesive is located on both sides of the susceptor.
- 60 – 113 (cancelled)

[Continued on Next Page]

USSN 09/840,859

114. (new) A reversible, induction activatable fastening device for promoting the assembly and disassembly of associated pieces upon exposure to electromagnetic energy in the range of from 1.0 to 1000 kHz, said fastening device comprising a susceptor sheet having a thickness of no greater than about 2 mils and a thermoplastic adhesive whose softening temperature is at least 60°C on at least one surface of said susceptor, (i) wherein the thermoplastic adhesive, as applied to said at least one surface, contacts from about 1% to about 65% of the surface area of said susceptor and has a pattern such that at least about 75% of the area of surface contact between the adhesive and said susceptor can have inscribed within it circles having a diameter of from about ½" to about 0.001" and (ii) wherein the thermoplastic adhesive on said at least one surface of the susceptor is applied in such a manner that a) when in touch contact with a substrate congruent in shape to the susceptor, a Test Surface, from about 1% to about 65% of the surface area of the Test Surface is in contact with the thermoplastic adhesive and at least about 75% of that contact area can have inscribed within it circles having a diameter of from about ½" to about 0.001" and b) when in bonded relationship with said Test Surface, from about 1% to about 65% of the surface area of the Test Surface is in contact with the adhesive; the bonded relationship having been established by mating the adhesive device and the Test Surface under a force of about 5psi and heating the same to a temperature that is about 10°C above the melt temperature of the thermoplastic adhesive for a sufficient time to allow the thermoplastic adhesive to melt.